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# Ighmbp2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11365

## Product Information

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| **Application** | WB |
| **Primary Accession** | P40694 |
| **Other Accession** | NM_009212, NP_033238 |
| **Reactivity** | Human, Mouse, Rat, Dog, Bovine |
| **Predicted** | Mouse, Rat, Pig, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 109466 |

## Additional Information

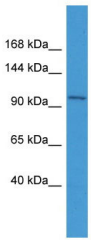
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| **Alias Symbol** | AEP, Catf1, RIPE3b1, Smbp-2, Smbp2, Smubp2, nmd, sma |
| **Other Names** | DNA-binding protein SMUBP-2, 3.6.4.12, 3.6.4.13, ATP-dependent helicase IGHMBP2, Cardiac transcription factor 1, CATF1, Immunoglobulin mu-binding protein 2, Ighmbp2, Smbp-2, Smbp2 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-Ighmbp2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | Ighmbp2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | Ighmbp2 |
| **Synonyms** | Smbp-2, Smbp2 |
| **Function** | 5' to 3' helicase that unwinds RNA and DNA duplexes in an ATP-dependent reaction (PubMed:22965130, PubMed:8493094). Specific to 5'-phosphorylated single-stranded guanine-rich sequences (PubMed:8493094). May play a role in RNA metabolism, ribosome biogenesis or initiation of translation (PubMed:19158098, PubMed:19299493). May play a role in regulation of transcription (By similarity). Interacts with tRNA-Tyr (PubMed:19299493). |
| **Cellular Location** | Nucleus {ECO:0000250\|UniProtKB:P38935}. Cytoplasm. Cell projection, axon |

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| **Tissue Location** | In all tissues examined. |

## Images




WB Suggested Anti-Ighmbp2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.